

**SYSTEM AND METHOD FOR PROVIDING BASE BAND
VOICE TELEPHONY USING DERIVED VOICE OVER
DATA TECHNOLOGY**

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ABSTRACT OF THE DISCLOSURE

Systems and methods for offering base band voice telephony while using derived voice over data technology such as VoATM or VoIP are disclosed. The system may generally comprise a derived voice over data termination device located outside of the client premise and a connection between the client premise and the derived voice over data termination device, where the connection between the client premise and the derived voice over data termination device is a base-band analog voice loop. The derived voice over data termination device is configured to convert between base band signals and derived voice over data signals utilizing derived voice over data technology. The method generally comprises providing a derived voice over data termination device in a wire center, providing a base band connection between the client telephone and the derived voice over data termination device, transmitting base-band analog signals between the client telephone and the derived voice over data termination device, and transmitting derived voice over data signals between the derived voice over data termination device and a voice gateway connected to a public switched telephone network.

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